



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/919,162A  
Source: 0188  
Date Processed by STIC: 2/10/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

01PE

**ERROR DETECTED**

**SUGGESTED CORRECTION**

SERIAL NUMBER: 09/919,162 A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☒ **Wrapped Nucleics  
Wrapped Aminos** The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 ☐ **Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 ☒ **Misaligned Amino  
Numbering** The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 ☐ **Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 ☐ **Variable Length** Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 ☐ **PatentIn 2.0  
"bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 ☐ **Skipped Sequences  
(OLD RULES)** Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 ☐ **Skipped Sequences  
(NEW RULES)** Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9 ☐ **Use of n's or Xaa's  
(NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 ☐ **Invalid <213>  
Response** Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ☐ **Use of <220>** Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 ☐ **PatentIn 2.0  
"bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 ☐ **Misuse of n** n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



OIPE

Does Not Comply  
Corrected Sequence Needed

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/919,162A

DATE: 02/10/2003

TIME: 14:38:24

Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I919162A.raw

1 <110> APPLICANT: Renauld, Jean-Christophe  
 2 Dumoutier, Laure  
 4 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Encode A Soluble IL-  
 TIF/IL-22  
 5 Receptor or Binding  
 6 Protein Which Binds to IL-TIF/IL-22, And Uses Thereof  
 8 <130> FILE REFERENCE: LUD 5684.2  
 10 <140> CURRENT APPLICATION NUMBER: US 09/919,162A  
 C--> 11 <141> CURRENT FILING DATE: 2001-07-31  
 16 <150> PRIOR APPLICATION NUMBER: US 60/245,495  
 17 <151> PRIOR FILING DATE: 2000-03-11  
 19 <150> PRIOR APPLICATION NUMBER: US60/234,583  
 W--> 20 <151> PRIOR FILING DATE: 2000-22-09  
 22 <160> NUMBER OF SEQ ID NOS: 11

## ERRORED SEQUENCES

59 <210> SEQ ID NO: 5  
 60 <211> LENGTH: 2271  
 61 <212> TYPE: DNA  
 62 <213> ORGANISM: Homo sapiens  
 64 <400> SEQUENCE: 5  
 E--> 65 ctgccttaaa ccggggagtg attgtctggt tgtggatttt acagtttcoct ctttggtcoct  
 66 60  
 E--> 67 gagctgggta aaaggaacac tgggtgctg aacagtcaca cttgcaacca tgatgcctaa  
 68 120  
 E--> 69 acattgcttt ctaggcttcc tcatcagttt ctcccttact ggtgtagcag gaactcagtc  
 70 180  
 E--> 71 aacgcatgag tctctgaagc ctcagagggt acaatttcag tcccgaaatt ttcacaacat  
 72 240  
 E--> 73 tttgcaatgg cagcctggga gggcacttac tggcaacagc agtgtctatt ttgtgcagta  
 74 300  
 E--> 75 caaaatatat ggacagagac aatggaaaaa taaagaagac tgttggggta ctcaagaact  
 76 360  
 E--> 77 ctcttgtagc cttaccagtg aaacctcaga catacaggaa ccttattacg ggagggtgag  
 78 420  
 E--> 79 ggcggcctcg gctgggagct actcagaatg gagcatgacg ccgcggttca ctccctgggtg  
 80 480  
 E--> 81 ggaaacaaaa atagatcctc cagtcattgaa tataacccaa gtcaatggct ctttggtggt  
 82 540  
 E--> 83 aattctccat gctccaaatt taccatatag ataccaaaag gaaaaaaatg tatctataga  
 84 600  
 E--> 85 agattactat gaactactat accgagtttt tataattaac aattcactag aaaaggagca

Wrapped nucleics and  
 misaligned amino numbering  
 throughout. See error summary  
 sheet items 1 & 3, respectively.



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Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I919162A.raw

86 660  
E--> 87 aaaggtttat gaaggggctc acagagcggg tgaaattgaa gctctaacac cacactccag  
88 720  
E--> 89 ctactgtgta gtggctgaaa tatatcagcc catgttagac agaagaagtc agagaagtga  
90 780  
E--> 91 agagagatgt gtggaaattc catgacttgt ggaatttggc attcagcaat gtggaaattc  
92 840  
E--> 93 taaagctccc tgagaacagg atgactcgtg tttgaaggat cttattttaa attgtttttg  
94 900  
E--> 95 ttttttctta aagcaatatt cactgttaca ccttggggac ttctttgttt atccattctt  
96 960  
E--> 97 ttatccttta ttttctattt gtaaaactata tttgaacgac attccccccg aaaaattgaa  
98 1020  
E--> 99 atgtaaagat gaggcagaga ataaagtgtt ctatgaaatt cagaacttta tttctgaatg  
100 1080  
E--> 101 taacatccct aataacaacc ttcattcttc taatacagca aaataaaaat ttaacaacca  
102 1140  
E--> 103 aggaatagta ttttaagaaa tgttgaaata atttttttta aatagcatta cagactgagg  
104 1200  
E--> 105 cggctcctgaa gcaatgggtt ttcactctct tattgagcca attaaattga cattgctttg  
106 1260  
E--> 107 acaattttaa acttctataa aggtgaatat ttttcataca tttctatttt atatgaatat  
108 1320  
E--> 109 actttttata tttttattat tattaaatat ttctacttaa tgaatcaaaa ttttgtttta  
110 1380  
E--> 111 aagtctactt tatgtaaata agaacagggt ttggggaaaa aaatcttatg atttctggat  
112 1440  
E--> 113 tgatatctga attaaaacta tcaacaacaa ggaagtctgc tctgtacaat tgtccctcat  
114 1500  
E--> 117 ttaaagata tattaagctt ttcttttctg tttgtttttg ttttgtttag tttttaatcc  
118 1560  
E--> 119 tgtcttagaa gaacttatct ttattctcaa aattaaatgt aattttttta gtgacaaaga  
120 1620  
E--> 121 agaaaggaaa cctcattact caatccttct ggccaagagt gtcttgcttg tgggccttc  
122 1680  
E--> 123 ctcactctta tataggagga tcccatgaat gatggtttat tgggaactgc tggggtogac  
124 1740  
E--> 125 ccctacaga gaactcagct tgaagctgga agcacacagt gggtagcagg agaaggaccg  
126 1800  
E--> 127 gtgttggtag gtgcctacag agactataga gctagacaaa gccctccaaa ctggccctc  
128 1860  
E--> 129 ctgctcactg cctctcctga gtagaaatct ggtgacctaa ggctcagtgt ggtcaacaga  
130 1920  
E--> 131 aagctgcctt cttcacttga ggctaagtct tcatatatgt ttaaggttgt ctttctagt  
132 1980  
E--> 133 aggagatata tatcagagaa catttgtaca attcccatg aaaattgctc caaagttgat  
134 2040  
E--> 135 aacaatatag tcgggtgctc tagttatatg caagtactca gtgataaatg gattaaaaaa  
136 2100

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PATENT APPLICATION: US/09/919,162A

TIME: 14:38:24

Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I919162A.raw

```

E--> 137 tattcagaaa tgtattgggg ggtggaggag aataagaggc agagcaagag ctagagaatt
      138 2160
E--> 139 ggtttccttg cttccctgta tgctcagaaa acattgattt gagcatagac gcagagactg
      140 2220
E--> 141 aaaaaaaaaat ttactttgat ctctgttttt gaattcttat tatttatattt
      142 2271
      144 <210> SEQ ID NO: 6
      145 <211> LENGTH: 231
      146 <212> TYPE: PRT
      147 <213> ORGANISM: Homo sapiens
      149 <400> SEQUENCE: 6
      150 Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu
E--> 151                                     5                               10
E--> 152 15
      153 Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro Gln
E--> 154                                     20                               25                               30
      155 Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln Trp Gln
E--> 156                                     35                               40                               45
      157 Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe Val Gln Tyr
E--> 158                                     50                               55                               60
      159 Lys Ile Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp Cys Trp Gly
E--> 160 65                                     70                               75
E--> 161 80
      162 Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser Asp Ile Gln
E--> 163                                     85                               90
E--> 164 95
      165 Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly Ser Tyr Ser
E--> 166                                     100                              105                              110
      167 Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu Thr Lys Ile
E--> 168                                     115                              120                              125
      169 Asp Pro Pro Val Met Asn Ile Thr Gln Val Asn Gly Ser Leu Leu Val
E--> 170                                     130                              135                              140
      171 Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys Glu Lys Asn
E--> 172 145                                     150                              155
E--> 173 160
      174 Val Ser Ile Glu Asp Tyr Tyr Glu Leu Leu Tyr Arg Val Phe Ile Ile
E--> 175                                     165                              170
E--> 176 175
      180 Asn Asn Ser Leu Glu Lys Glu Gln Lys Val Tyr Glu Gly Ala His Arg
E--> 181                                     180                              185
E--> 182 190
      183 Ala Val Glu Ile Glu Ala Leu Thr Pro His Ser Ser Tyr Cys Val Val
E--> 184                                     195                              200                              205
      185 Ala Glu Ile Tyr Gln Pro Met Leu Asp Arg Arg Ser Gln Arg Ser Glu
E--> 186                                     210                              215                              220
      187 Glu Arg Cys Val Glu Ile Pro
E--> 188 225                                     230
      217 <210> SEQ ID NO: 10
      218 <211> LENGTH: 2366

```

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DATE: 02/10/2003

TIME: 14:38:24

Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I919162A.raw

```

219 <212> TYPE: DNA
220 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 10
E--> 225 ctgccttaaa cccgggagtg attgtctggt tgtggatttt acagtttcct ctttggctct
226 60
E--> 227 gagctgggta aaaggaacac tgggtgcttg aacagtcaca cttgcaacca tgatgcctaa
228 120
E--> 229 acattgcttt ctaggcttcc tcatcagttt cttccttact ggtgtagcag gaactcagtc
230 180
E--> 231 aacgcattgag tctctgaagc ctcagagggt acaatttcag tcccgaaatt ttcacaacat
232 240
E--> 233 tttgcaatgg cagcctggga gggcacttac tggcaacagc agtgtctatt ttgtgcagta
234 300
E--> 235 caaaatcatg ttctcatgca gcatgaaaag ctctcaccag agccaagtgg atgcttggca
236 360
E--> 237 gcacattttct tgtaacttcc caggctgcag aacattggct aaatatggac agagacaatg
238 420
E--> 239 gaaaaataaa gaagactggt ggggtactca agaactctct tgtgacctta ccagtgaaac
240 480
E--> 241 ctgacacata caggaacctt attacgggag ggtgagggcg gcctcggctg ggagctactc
242 540
E--> 243 agaattggagc atgacgcgcg ggttcactcc ctggtgggaa acaaaaatag atcctccagt
244 600
E--> 245 catgaatata acccaagtoa atggctcttt gttggtaatt ctccatgctc caaatttacc
246 660
E--> 247 atatagatac caaaaggaaa aaaatgtatc tatagaagat tactatgaac tactataccg
248 720
E--> 249 agttttttata attaacaatt cactagaaaa ggagcaaaaag gtttatgaag gggctcacag
250 780
E--> 251 agcgggttgaa attgaagctc taacaccaca ctccagctac tgtgtagtgg ctgaaatata
252 840
E--> 253 tcagcccatg ttagacagaa gaagtcagag aagtgaagag agatgtgtgg aaattccatg
254 900
E--> 255 acttggtggaa tttggcattc agcaatgtgg aaattctaaa gctccctgag aacaggatga
256 960
E--> 257 ctogtgtttg aaggatctta tttaaaattg tttttgtatt ttcttaaagc aatattcact
258 1020
E--> 259 gttacacctt ggggacttct ttgtttatcc attottttat cctttatatt tcatttgtaa
260 1080
E--> 261 actatatattg aacgacattc cccccgaaaa attgaaatgt aaagatgagg cagagaataa
262 1140
E--> 263 agtgtttctat gaaattcaga actttatttc tgaatgtaac atccctaata acaaccttca
264 1200
E--> 265 ttctttctaat acagcaaaat aaaaatttaa caaccaagga atagtattta agaaaatggt
266 1260
E--> 267 gaaataatatt ttttaaaata gcattacaga ctgaggcggt cctgaagcaa tggtttttca
268 1320
E--> 269 ctctcttatt gagccaatta aattgacatt gctttgacaa tttaaaactt ctataaagg
270 1380

```

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TIME: 14:38:24

Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I919162A.raw

```

E--> 271 gaatatatttt catacatttc tattttatat gaatatactt tttatatatt tattattatt
      272 1440
E--> 273 aaatattttct acttaatgaa tcaaaatttt gtttttaaagt ctactttatg taaataagaa
      274 1500
E--> 275 cagggttttgg ggaaaaaat cttatgattt ctggattgat atctgaatta aaactatcaa
      276 1560
E--> 277 caacaaggaa gtctgctctg tacaattgtc cctcatttaa aagatatatt aagcttttct
      278 1620
E--> 279 tttctgtttg tttttgtttt gtttagtttt taatcctgtc ttagaagaac ttatctttat
      280 1680
E--> 281 tctcaaaatt aaatgtaatt ttttttagtga caaagaagaa aggaaacctc attactcoat
      282 1740
E--> 283 ccttctggcc aagagtgtct tgcttgtggc gccttctcctca tctctatata ggaggatccc
      284 1800
E--> 285 atgaatgatg gtttattggg aactgctggg gtcgacccca tacagagaac tcagcttgaa
      286 1860
E--> 287 gctggaagca cacagtgggt agcaggagaa ggaccggtgt tggtaggtgc ctacagagac
      288 1920
E--> 289 tatagagcta gacaaagccc tccaaactgg cccctcctgc tcaactgcctc tcttgagtag
      290 1980
E--> 291 aaatctgggtg acctaaggct cagtgtgggtc aacagaaagc tgccttcttc acttgaggct
      292 2040
E--> 293 aagtcttcat atatgtttta ggttgtcttt ctagtgagga gatacatatc agagaacatt
      294 2100
E--> 295 tgtacaattc cccatgaaaa ttgctccaaa gttgataaca atatagtcgg tgcttctagt
      296 2160
E--> 297 tatatgcaag tactcagtga taaatggatt aaaaaatatt cagaaatgta ttgggggggtg
      298 2220
E--> 299 gaggagaata agaggcagag caagagctag agaattggtt tccttgcttc cctgtatgct
      300 2280
E--> 301 cagaaaaacat tgatttgagc atagacgcag agactgaaaa aaaaatttac tttgatctct
      302 2340
E--> 303 gtttttgaat tcttattatt tatattt
E--> 304 2366
      307 <210> SEQ ID NO: 11
E--> 308 <212> TYPE: 263
W--> 309 <212> TYPE: PRT
      310 <213> ORGANISM: Homo sapiens
E--> 312 <211> LENGTH:
      312 <400> SEQUENCE: 11
      314 Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu
      315                                     5                                10
      316 15
      317 Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro Gln
      318                                     20                                25
      319 Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln Trp Gln
      320                                     35                                40
      321 Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe Val Gln Tyr
      322                                     50                                55

```

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45

60

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TIME: 14:38:24

Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I919162A.raw

```

323 Lys Ile Met Phe Ser Cys Ser Met Lys Ser Ser His Gln Ser Gln Val
324 65                                70                                75
325 80
326 Asp Ala Trp Gln His Ile Ser Cys Asn Phe Pro Gly Cys Arg Thr Leu
327                                85                                90
328 95
329 Ala Lys Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp Cys Trp Gly
330                                100                                105
331 110
332 Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser Asp Ile Gln
333                                115                                120                                125
334 Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly Ser Tyr Ser
335                                130                                135                                140
336 Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu Thr Lys Ile
337 145                                150                                155
338 160
339 Asp Pro Pro Val Met Asn Ile Thr Gln Val Asn Gly Ser Leu Leu Val
340                                165                                170
341 175
342 Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys Glu Lys Asn
343                                180                                185                                190
344 Val Ser Ile Glu Asp Tyr Tyr Glu Leu Leu Tyr Arg Val Phe Ile Ile Asn
345                                195                                200                                205
346 Asn Ser Leu Glu Lys Glu Gln Lys Val Tyr Glu Gly Ala His Arg Ala Val
347 210                                215                                220
348 225
349 Glu Ile Glu Ala Leu Thr Pro His Ser Ser Tyr Cys Val Val Ala Glu
350                                230                                235                                240
351 Ile Tyr Gln Pro Met Leu Asp Arg Arg Ser Gln Arg Ser Glu Glu Arg
352                                245                                250                                255
353 Cys Val Glu Ile Pro
354                                260

```



RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/919,162A

DATE: 02/10/2003  
TIME: 14:38:25

Input Set : A:\EP.txt  
Output Set: N:\CRF4\02102003\I919162A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:6; Line(s) 151,154,156,158,160,163,166,168,170,172,175,186

Seq#:11; Line(s) 315,318,320,324,327,335,337,340,343,345,347,352

## VERIFICATION SUMMARY

DATE: 02/10/2003

PATENT APPLICATION: US/09/919,162A

TIME: 14:38:25

Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I919162A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:20 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:65 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:5  
M:254 Repeated in SeqNo=5  
L:151 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6  
M:332 Repeated in SeqNo=6  
L:225 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:10  
M:254 Repeated in SeqNo=10  
L:304 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2366 Found:2367 SEQ:10  
L:308 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:  
L:309 M:280 W: Numeric Identifier already exists, Type not replaced.  
L:312 M:282 E: Numeric Field Identifier Missing, <211> is required.